

## INTRAVASCULAR FLOW MODIFIER AND REINFORCEMENT DEVICE AND DEPLOYMENT SYSTEM FOR SAME

### ABSTRACT OF THE DISCLOSURE

A stent includes a cylindrical frame consisting of a series of helical winds containing a pattern of alternating zigzag bends. The frame may be made of resilient wire or from a piece of laser cut hypo tubing. The stent may be deployed by placing the stent over a notched portion of a pusher catheter member, and retained on the pusher catheter member by a release wire threaded through the pusher catheter member and over the stent. The stent may also be deployed by placing the stent over a pusher catheter member having opposing notched portions, and retaining the stent and pusher catheter member in a delivery catheter, which can be withdrawn when stent reaches the site to be treated to release the stent.